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FEB 2 1 2006

10/179,523

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ANTHONY LLOYD APPLICATION NUMBER 10/7/19,621

Mr. Benjamin H. Layne, Primary examined Art unit 3711

Dear Mr. Layno,

Thank you for the complete analysis of my Mathematical Brobling solving game submission.

Your points related to the card display rejections are accepted and have replaced the card display feature with a "Game control but" to eliminate the playing card function this required considerable text change (Remove stext bracketed) and applicable text bracketed and just the much so of displaying the tandom numbers have changed.

Unfortunately majorizinal submission did not fully portray the uniqueness of the mathematical game, clarification has been at the to the submission that required descriptive changes without any change of substance and claims,

I have studied the prior art sited in your rejection, but offer that the playing card feature I triely seeme violations related to this present submission. The fined format rules that I have invented consider to be totally unique, I am proposing the market name "Triple Solution" per saps my poor submission did indicate a connection to prior art, but after reading this submission I feel confident that you will agree that I have not infringed on prior at and in particular not the prior art of Mr. Moore or Mr. Guleg. This is a totally unique fur game, I just hope that my submission illustrates that

Yours truly.
Anthony Lloyd
p.s. it has been a busy weekend

AL UNIT THE

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Patent damage indicated by adding—underlined and bald Removing indicated by branchets.

Mathimatika problem selving game

Abstract of the disclosure

In accordance with the present internal, a mathematical problem solving game, has a special of them of cords, each card having an upper fact proveding a display of mathematical specialists and of cords and having an upper fact proveding a display of mathematical specialists are displayed at the part of the other and coded to indicate their satisfies at the limit, each) points stated the part of the displayed question with a final and other part of the displayed question. A simple control of the displayed question of the simple control of the displayed question. A simple control of the displayed question of the simple control of the displayed question. A simple control of the displayed question of the displayed question of the simple control of the displayed question of the disp

The present invention relates to a game that has unforted players computing to be the first to solve a least format mathematical question, rules of the game provide means of scoring points and strategies to maximizing the paints carned. A decisioned (dock of cards has questions displayed on such approximately playing darif face, each of the said questions being identified to) unus feat indicates (the) clause that levels (required to) that can be used to immediately into posterior answer. This chart skill be the feature to a dapability for players of a variety of a lift level into (company) after the paper. (While the pure the

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intriention relates to a deck of cause, it who emblances such a game that is adaptable to prime be added to the standard manuscript and prime between the control of the co

### BACKGROUND OF THE INVENTION

We are repeatedly reminded of him computed are detainting from the mathematical did level of society as a whole and children in starting for the meed for an annual and companies and game (which) that also enhances much mathematical skills.

With respect to estudational (card) garden, uprinciple this present time, playing have been individual to increase not been structured to increase not been structured to increase not been structured to increase not be made at the card and card appears.) In passent, educational (card) games are limited to include types:

- 1. Memory retention parties. The ard timited to developing the momenty
- 2. Games that reward for identifying verst meanings. This is excellent for language entertains that
- 3. Games that involve the use of sumbles on this cards to make a decision religible to this applicable stated to make a decision religible to this applicable stated to make a decision religible to this applicable stated to the matter matter and stated to the decision religible.

  development.
- 4. Games that require mathematical calculations with the use of standard playing cards increased their lack their ructure and competitiveness it using shelppedulistic materials (stilling decide entitle below) of the present invention.

Educational card games are well known in the paior art, of particular reference points plants: inwention are as follows: U.S. Part 20039234-03 of Friemans Shipmo Ravane issued that 2500 2003; Specifically designed to teach young callsfron an alphabet or other basic skills.

H. LIMIN W.

U.S. Pat. 2003b 168809 Richards in the September 11 2003 provides a game that uses placed in the translation of the provides a game from provides a game from the provides a game from the provides and and subtract mathematical skills.

#### SUMMARY OF THE INVENTION

It is the object of the present impation to provide a substance provider schein game into that a farminal play. It is a farther the object of desprisent invention to provide such a game, providing a planting of skill levels of children and always are substanced. In accordance with the present assentiation as a substance of a specialized Game Control by initiate the research of a specialized Game Control by initiate the research of a specialized Game Control by initiate the research of a specialized Game Control by initiate the research of an attend in the source of the research of a specialized Game Control by initiate the research of the standard of the control by a substantial by a standard of the provider of a specialized Game Control by a standard of the standard of t

It is a further accordance of the present invention to provide an enjoyable and sompetitive moderate state.

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ART LANGE BY

Off four calculation autobers and seinous a district the simple solution opened or (a single on the placed face up), and then placed in the shide supercontrol from the aforementioned mathematical quantions to all the plays the aforementioned mathematical quantions to all them plays the aforementioned mathematical quantions to all themse plays to an earn points by being the faut plays to solve the quantion (identified by a pro-deficient solution).

Still level code.) using a pre-established facel imposit.

(Players may sit on both sides of the desire to shain opinion orientation related to the distributed of the mathematical question is in a find domain of fibur colonians markets of fibur colonians markets of fiburations markets of fiburations markets and fibres, which is the four colonians makes markets of the four calculated numbers just man a divided into two (stams) questions incomparative each of the four calculated numbers just man a divided into two (stams) questions in the first (stam) printings comprising as answer that can be combined to form a third (stam) printing comprising as answer that each displayed mathematical mission.

Addition, subtraction, division and multiplication may be required to generate sold comments that the contract of the solution possible solution a (valid) declaration of "Ne solution possible" can be made by a player with that the maintage interest and the contract of t

Players will be awarded points for the following

1. The first player to declare "Soldied it. and privide a corresp solution 2 Forest market and a solution and the solution will be available a point:) A timing device (may be) is used to limit the time assistable to provide a corresponding to the solution (first an answer.) Thus the suppresses for a competitive and fun games as been seen

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H. Wall mary 1917

### BRIEF BESCHIPTION OF THE DIRAMINGS (Obsolute)

(Figure 1 Depicts the upper face of a machinistical questions are displayed (logether with a main that denotes the shall level required) to form a correct masser for each unique methods total denotes the shall level required a saminfact playing and within the moons of the gramma transform whereby a variety of tenique methods and questions are displayed together 57/1811 a questions the skill level required to formulate a context indicates for and indicating a southon methods in the shall level required to formulate a context indicates for any indicating a southon method question and indicating a southon method of the state of the state

A sample solution has been temperarily saided in italics below such displayed mathematical quality of calculation of the required fixed restherantical qualities and the contract of the restrict restherantical qualities and the contract of t

# DRAWINGS AND DETAILED DERCEPTION TOTALLY AMENDED TO ELIMINATE REJECTED USE OF PLAYING CARDS

Fig. 1 is a front pessessative view attach confossi same controllogs attaches with simes controllogs.

Fig. 1a In an end view litustrating the scannol fitting windows displacement and a successible controls the entry of mumbered displacements are under the controls the entry of mumbered displacements are under the control based on the contro

Fig. 2. deputs a constal box face distilluring a medianistic problem that the month ution.

Fig. 3. Illustrates the Timer raised state table instanted.

Big 3a illustrates the timer in a storing positions

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## Amended with ARED WINGS OF THE POPULATION

A mathematical problem inthings passed in a pleasers to solve a supple mathematical transfer of the problem in the problem in

With respect to Fig. 1. An enclosed contact and large (it should appear the large in the large contact to Fig. 1. An enclosed contact and large in the large contact to Fig. 1. An enclosed contact to the large contact to the large of a numbered cost (2) storage of manufactures. (3) thus their numbered cost (2) storage of manufactures. (5) thus their numbered cost (2) storage of manufactures. (5) thus their numbered cost (2) storage of manufactures.

With respect to Fig. 2 Retained incomplished an authorish but of the control box (2) is a dight for (7) players the required to apply the distance (7) players the interest of the distance (7) number (9) will be seen that the interest distance (7) number (9) will be seen that the solution number (6) for higher thill be the content distance number (10), reflected.

The solution number (6) for higher thill be the content distance number (10), reflected.

negative diby mathematical problem in the problem of the problem in the manufacture of using each of the four ealculation as a first of the course of the four ealculation as a first of the course of the four ealculation as a first of the course of the four ealculation as a first of the course of the four ealculation as a first of the course of the four ealculation as a first of the course of

attenuer to this problem is "salutionis distinguistic".

Fig. 3 Illustrates a send timer (11) hand by thurse of invertion the sendthiner (11) in er in to a the conclusion of a fixed time possed. Thurse a send for the a server (12)

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access when a receive slide (13) dispersed frem above the sand since (10)

## ORIGINAL TEXT PRIOR THE ABOVE THE

(With stapect to Figure 1. (Spendine in laying stands each Capley within the scope of the present invention, unique method and constant of four schools in making (2) and one unique substitution numbers (4) with skill inside required to solve the unique mathematical question (2) considere substitution (5)(6), being numerically identified as a still level (7)(8)(9)(10) )).

With respect to Figure 1.

With respect to Fig. 2 The fine can expect the unique mathematical questions. (2) by creating two sums (5) each of the two sums (5) to creating two sums (5) each of the two sums (5) to creating two sums (5) each of the two sums (5) to creating two sums (3) in single time, with the object that the resulting answers as the two spaces (5) can be formed into a third two mentions are (6) whereby the answer to the third two mustler upon (6) equals the mathematical solution absorbers.

3/1

The level of skill required to solver the configure and themstical question increase when programme as the skill level numbers increase. Skill level (7) unique institute a questions (2) are of a bight skill to the nature.)

Per example illustrated, both the salitico reunitational throadministration requires the reulistic registration of the dealer shaking the (1) tenne destroit both Fig.2 (still level 1), it is cultational to (2) 6,5,12,3, solution number 10 displayed for demonstrates for traduction, we may are destroit to registrate and the salition numbers 6-5=1 12-3 for the sandon calculation numbers of the solution number 10. The the sandon calculation numbers remained the same and the

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APYAU

calculation number changed to this field found question would be 6,5,12,13+5 and the first make solution 5x5=80 12x3=36 35 (12x3)

(((3+1=4(5)) the two) answer out to two belief cone (sums) (5) and the until to draw a till deposit

(sum) 9+1=10 initiate the game. tickliquesinn (2) answerbeing 4+2+645); 8+1% (4) 4-4-1816)

Per example illustrated in hill eviel 2, (B) Calculation numbers (3) 6,3,8,4 Solution market (a)

= 6- The complete unique mathematic a question (3) answer being 6/3-1(5) 16-6-4 (8) 14-44-(18)

Per example illustrated is all seed 3 40 Chipolitican members (3) 3,47 2. See 1 12 (5) 60 3 10 (10) 10

\$kdil level 4 (10) Calculation musbers (3) 1 3,6,1 4,2 Solution number (8) 2.4 The annual method profit on (2) answertiging (3+10+27 (5) (2+1 (5) 27-3+24 (60)))

A player, upon adving the material material question (2) will draughter distinct the definition of a player of conved allowers being possible, althought application liberarcaptable.

The embodiments of the intensition in which an enclusive property or privilege is chime the constant of the intensition in which a final farmal problem solving salation, consisting a top the calculation numbers displayed by the game workforming 3 questions to produce a final present and to the solution number displayed them carried effects and otherwise.

1. A mathematical problem attring same, paintrising a grante control hometarism for the formation and a mainter transportable discount distribute a solution rate benefit for the formation a fixed format mathematical methers amended an invalidation and the fixed format mathematical methers are being the fixed format.

of a solution with a fixed format salution investigation directions.

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2. A Mathematical Problem Solving Came of them I wherein the awarding of a scoring point in the fallowing makes: a rule the parameter players to presented the level of difficulty, as indicate by a distinction (coding) located on the parameter bar (specialized end) of claim I a rule that multiplication, division, submitting the distinction distinction, division, submitting the distinction of the level of the level of difficulty, as indicated by a distinction of the level of difficulty, as indicated by a distinction of the level of difficulty, as indicated by a distinction of the level of difficulty, as indicated by a distinction of the level of difficulty, as indicated by a distinction of the level of difficulty, as indicated by a distinction of the level of difficulty, as indicated by a distinction of the level of difficulty, as indicated by a distinction of the level of difficulty, as indicated by a distinction of the level of difficulty, as indicated by a distinction of the level of difficulty, as indicated by a distinction of the level of difficulty, as indicated by a distinction of the level of difficulty, as indicated by a distinction of the level of difficulty.

displayed (unique) mathematical mestion.

a rule that requires that (a single-said thin the flack of gravitations can de chien I be placed to the private with the chieves of the unitarities of the resolution of the placed to t

(a rule that esublishes that questions disally collected is precially the could from the indication of the of chain I, be of an identified variety of the liberals.)

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a mile parmitting a questions displayed to the tries control bas (spenished block) of the have a solution, for purpose of the black and the ball the control

a sule that appropriately rewards with meints e first player to eliker, identifical soluziba

itientify"to possible solution" or plentify a subtion after "an schetion has bean electoral

(a rule that swards druble points a player that identifies a solution after a stilliko poi has been declared by another community player.).

(a rule that if a player fails to distance hapren remaining players are awarded paters.

a rule parabiting a deping devication limbs the tibes absoluble to solve a unique maken

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